WE CLAIM:

1. An electronic data transmission system comprising:

a data receiver for receiving a request for transmission of electronic data to a network terminal over a communications network, the transmission request including at least one data filtration parameter defining a desired resolution of the electronic data;

a data processing system in communication with the data receiver for formatting the electronic data in accordance with the at least one data filtration parameter; and

a data transmitter in communication with the data processing system for transmitting the formatted data to the network terminal over the communications network.

2. The electronic data transmission system according to claim 1, wherein the electronic data comprises at least one word having an associated phrase tag, and the data processing system is configured to replace each said at least one word with the associated phrase tag.

3. The electronic data transmission system according to claim 1 or 2, the electronic data comprises at least one word having an associated abbreviation, and the data processing system is configured to replace each said word with the associated abbreviation.

4. The electronic data transmission system according to any of claims 1 to 3, wherein the electronic data comprises text data, and the data processing system is configured to remove from the electronic data at least one of font data and attribute data associated with the text data.

5. The electronic data transmission system according to any of claims 1 to 4, wherein the electronic data comprises text data, the text data having formatting data associated therewith, and the data processing system is configured to replace the formatting data with predefined format tags to reduce a byte length of the electronic data.

6. The electronic data transmission system according to any of claims 1 to 5, wherein the electronic data includes graphics data, and the data processing system is configured to remove the graphics data from the electronic data.

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7.   The electronic data transmission system according to any of claims 1 to 6, wherein the data receiver is configured to receive a request for retransmission of the transmitted electronic data between the network terminal and a network resource, and the data processing system is configured to determine an authorization for the retransmission in accordance with an access level defined for the network resource.

8.   The electronic data transmission system according to claim 7, wherein the data processing system is in communication with a resource registry for identifying the user access level for the network resource.

9.   The electronic data transmission system according to claim 8, wherein the network resource has a network address, the retransmission request includes an indication of the network address, the network address indication comprising a pseudo-name associated with the network resource but distinct from the network address, and the data processing system is configured to determine the authorization from the pseudo-name.

10.   A method of electronic data transmission, comprising the steps of:
        receiving a request for transmission of electronic data over a communications network to a network terminal, the transmission request including at least one data filtration parameter defining a desired resolution of the electronic data;
        formatting the electronic data in accordance with the at least one data filtration parameter; and
        transmitting the formatted data to the network terminal over the communications network.

11.   The method according to claim 11, wherein the electronic data comprises at least one word having an associated phrase tag, and the formatting step comprises replacing each said at least one word with the associated phrase tag.

12.   The method according to claim 10 or 11, wherein the electronic data comprises at least one word having an associated abbreviation, and the formatting step comprises replacing each said word with the associated abbreviation.

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13.   The method according to any of claims 10 to 12, wherein the electronic data comprises text data, and the formatting step comprises removing from the electronic data at least one of font data and attribute data associated with the text data.

14.   The method according to any of claims 10 to 13, wherein the electronic data comprises text data, the text data having formatting data associated therewith, and the formatting step comprises replacing the formatting data with predefined format tags to reduce a byte length of the electronic data.

15.   The method according to any of claims 10 to 14, wherein the electronic data includes graphics data, and the formatting step comprises removing the graphics data from the electronic data.

16.   The method according to claim 10, further comprising the steps of:
        receiving a request for transmission of the extracted electronic data between the network terminal and a network resource; and
        determining an authorization for communication with the network resource in accordance with an access level defined for the network resource.

17.   The method according to claim 16, wherein the network resource has a network address, the data server is in communication with a resource registry for identifying a user access level for the network resource, and the authorization determining step comprises querying the resource registry with the network address.

18.   The method according to claim 16, wherein the network resource has a network address, and the transmission request includes an indication of the network address, the network address indication comprising a pseudo-name associated with the network resource but distinct from the network address.

19.   An electronic data terminal comprising:
        a data receiver for receiving over a communications network a data package from a data server;
        a data processing system in communication with the data receiver for extracting electronic data from the data package; and

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a data transmitter in communication with the data processing system for providing the data server with a request for retransmission of the electronic data, the retransmission request including at least one data filtration parameter defining a desired resolution for the retransmitted electronic data.

20.   The electronic data terminal according to claim 19, wherein the electronic data comprises at least one phrase tag having an associated at least one word, and the data processing system includes a dictionary for replacing each said phrase tag with the associated at least one word.

21.   The electronic data terminal according to claim 19 or 20, wherein the electronic data comprises at least one abbreviation having an associated word, and the data processing system is configured to replace each said abbreviation with the associated word.

22.   The electronic data terminal according to any of claims 19 to 21, wherein the electronic data comprises at least one format tag having associated formatting data, and the data processing system is configured to replace each said format tag with the associate formatting data.

23.   A method of electronic data transmission, comprising the steps of:
        receiving over a communications network a data package from a data server;
        extracting electronic data from the data package; and
        in accordance with a resolution of the extracted electronic data providing the data server with a request for retransmission of the electronic data, the retransmission request including at least one data filtration parameter defining a desired resolution for the retransmitted electronic data.

24.   The method according to claim 23, wherein the electronic data comprises at least one phrase tag having an associated at least one word, and the extracting step comprises replacing each said phrase tag with the associated at least one word.

25.   The method according to claim 23 or 24, wherein the electronic data comprises at least one abbreviation having an associated word, and the extracting step comprises replacing each said abbreviation with the associated word.

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26.   The method according to any of claims 23 to 25, wherein the electronic data comprises at least one format tag having associated formatting data, and the extracting step comprises replacing each said format tag with the associated formatting data.

27.   The method according to claim 23, further comprising the step of transmitting to the data sever a request for transmission of the extracted electronic data to a network resource, the network resource having a network address, the transmission request including an indication of the network address, the network address indication comprising a pseudo-name associated with the network resource but distinct from the network address.